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Notice of Allowability	Application No.	Applicant(s)	
	10/798,275	TAKEZAWA, TAKESHI	
	Examiner	Art Unit	
	Leah S. Lovell	2875	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--
 All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the amendment filed 2 February 2006.
2. ☒ The allowed claim(s) is/are 1-54.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☒ All b) ☐ Some* c) ☐ None of the:
 1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|---|--|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____. |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____ | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____. |

DETAILED ACTION

1. An informal examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

The application has been amended as follows: in claim 8, at the end of line 3 and continuing to line 4, "the pair of electrodes" has been changed back to "a pair of electrodes." Also, at the end of line 4 of claim 8 "a pair of electrodes" has been changed to "the pair of electrodes." Both corrections have been made to correct a noted antecedent basis issue.

Allowable Subject Matter

2. Claims 1-54 are allowed. Prior art fails to show or teach a reflecting member fixedly attached to the sealing member or the transparent plate.

Conclusion


Any inquiry concerning this communication or earlier communications from the examiner should be directed to Leah S. Lovell whose telephone number is (571) 272-2719. The examiner can normally be reached on Monday through Friday 7:45 a.m. until 4:15 p.m.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Renee Luebke can be reached on (571) 272-2009. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Art Unit: 2875

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Leah Lovell
Examiner
13 February 2006



RENEE LUEBKE
PRIMARY EXAMINER

4. (Previously Presented) The illumination device according to claim 1, the transparent plate being composed of either a transparent material with a low thermal expansion coefficient or a transparent material with a high thermal conductivity.

5. (Previously Presented) The illumination device according to claim 1, a substrate of the second reflecting mirror being composed of either a material with a low thermal expansion coefficient or a material with a high thermal conductivity.

6. (Currently Amended) The illumination device according to claim 1, a heat radiation fin being provided at ~~the~~ an outer peripheral portion of the transparent plate.

7. (Currently Amended) The illumination device according to claim 1, one end of ~~the one of the~~ sealing member-members protruding from ~~the~~ a region surrounded by the first reflecting mirror and the transparent plate through the transparent plate into an open region.

8. (Currently Amended) An illumination device, comprising:

a light-emitting tube having a light-emitting member and sealing members located on both sides of the light-emitting member, the light-emitting member including ~~at the~~ a pair of electrodes, light emission is carried out between ~~a~~ a pair of electrodes;

a first reflecting mirror to hold the light-emitting tube, and reflect the light emitted from the light-emitting tube, and direct the light forward;

a transparent plate disposed in ~~the~~ a distal end portion of the first reflecting mirror;

a second reflecting mirror that encloses a front portion of the light-emitting member and reflects the light from the light-emitting member toward the first reflecting mirror, the second reflecting mirror being fixedly attached to the transparent plate; and

a gap being provided between the transparent plate, the second reflecting mirror, and the light-emitting tube.